

ABSTRACT

The tissue treatment device consists of a bladder (2), having inlet (1) to be connected to a fluid source (not shown). The bladder (2) is placed within a wound cavity and inflated to conform to the cavity shape and apply constant pressure against the wound surface or pulsed pressure, as required. A seal (3) isolates bladder (2) and the wound cavity from atmosphere. Seal (3) includes one or more inlets/outlets (4, 5) for connection to a vacuum source and/or for the supply of media to be introduced into the wound cavity. The vacuum source can be a vacuum pump or a continuous vacuum provided in hospitals. The media to be introduced into the wound cavity can be saline, water or ozone, oxygen, or any substance to promote wound healing. The bladder (2) is made from polymeric material and can also be impregnated with wound healing compounds to promote healing.